



Advancements in the Surgical Treatment of Gastric Cancer

Aslam Ejaz, MD, MPH
Assistant Professor of Surgery



Introduction



The James



THE OHIO STATE UNIVERSITY
COMPREHENSIVE CANCER CENTER

Our Surgical Team



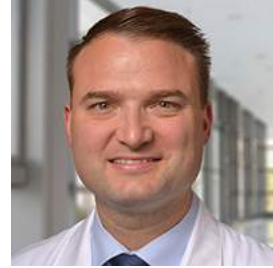
Allan Tsung



Tim Pawlik



Aslam Ejaz



Jordan Cloyd

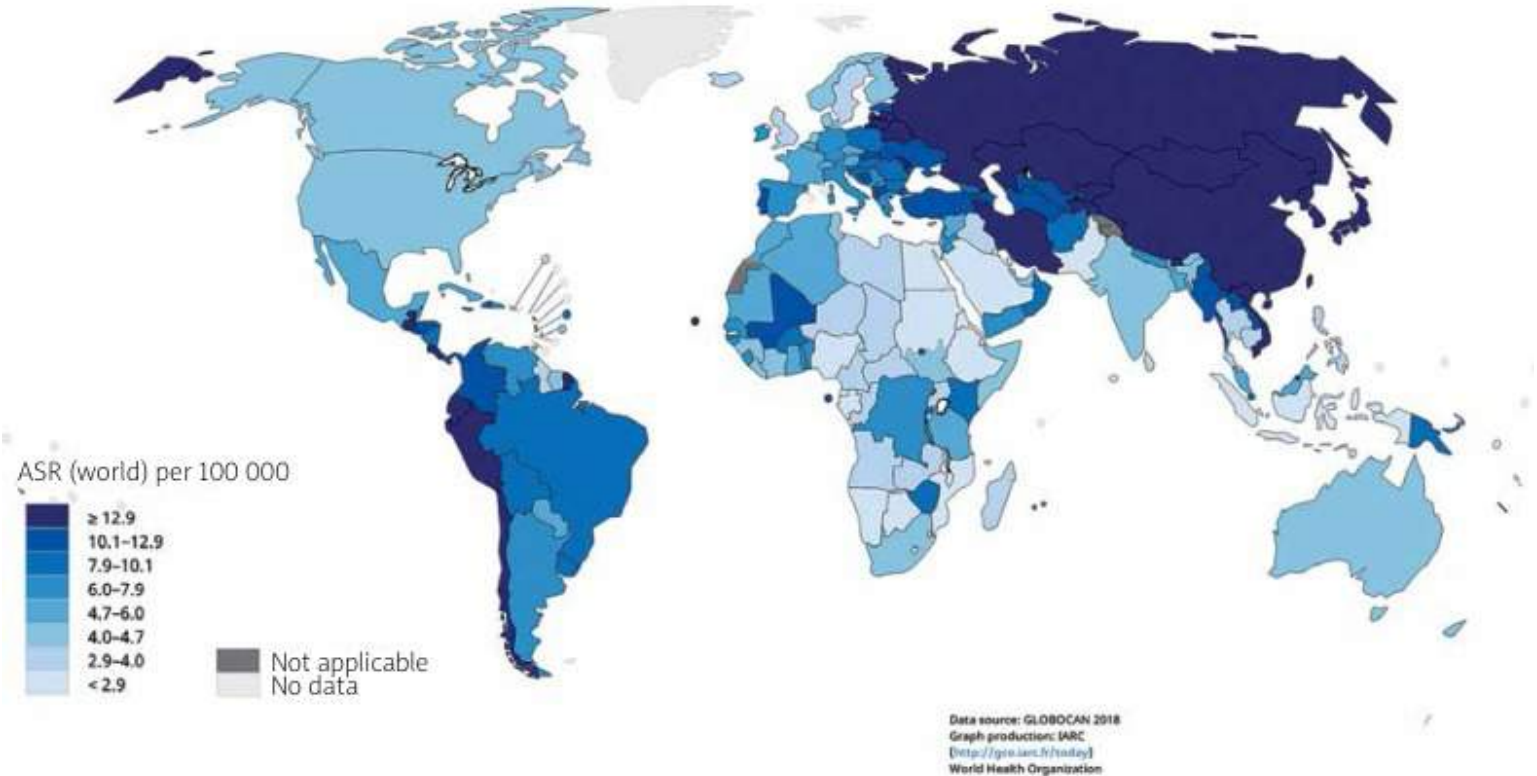


Andrei Manilchuk

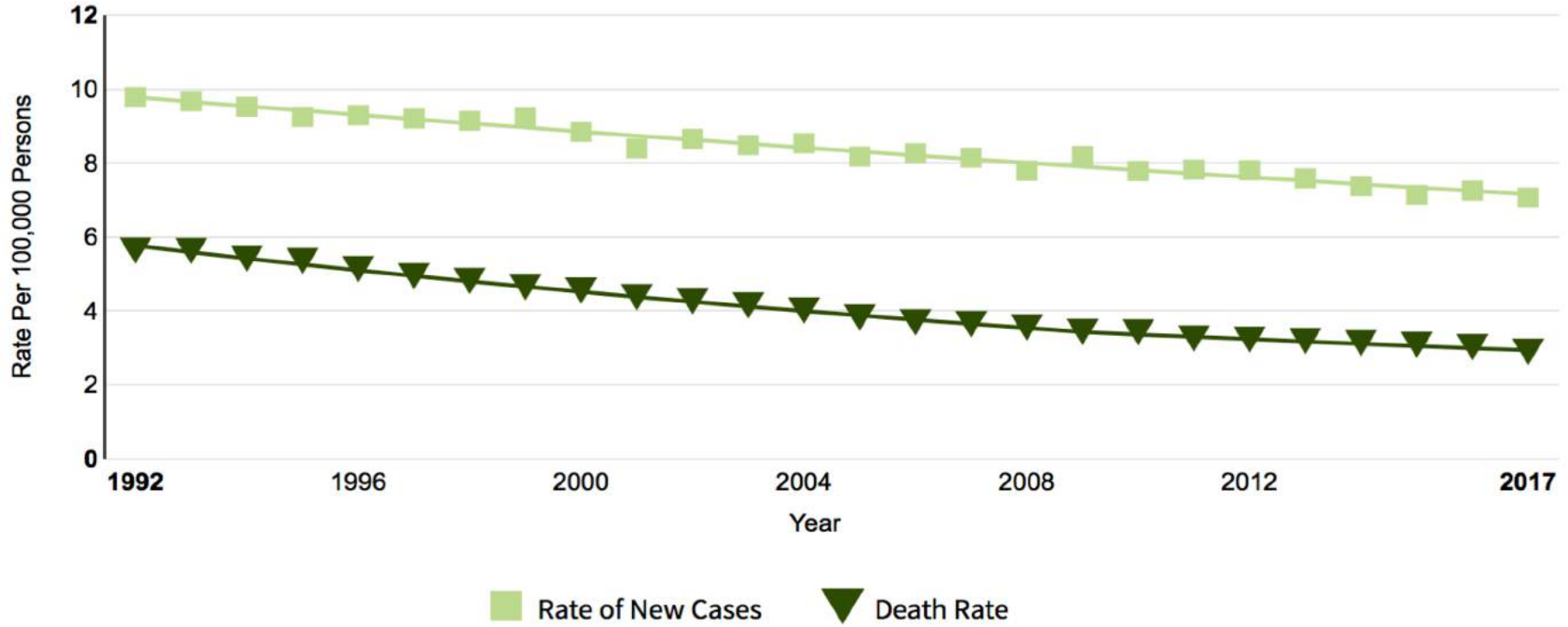


Mary Dillhoff

Epidemiology

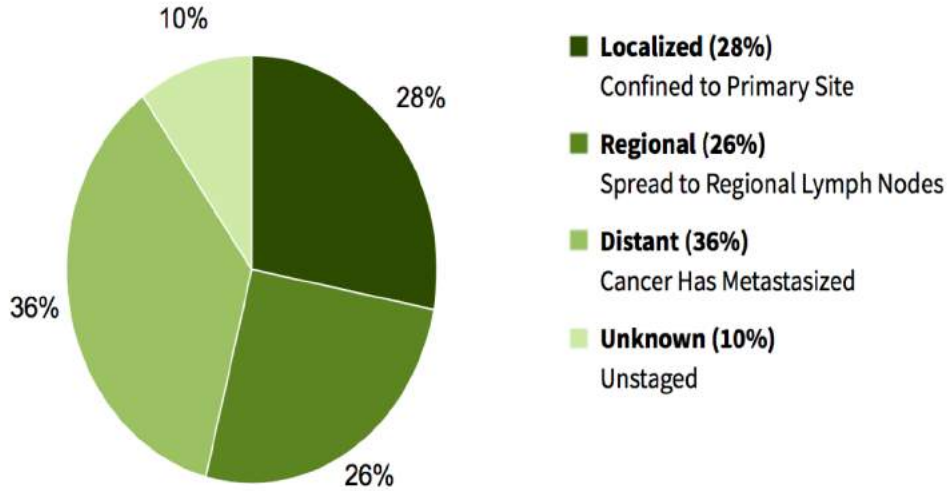


Survival

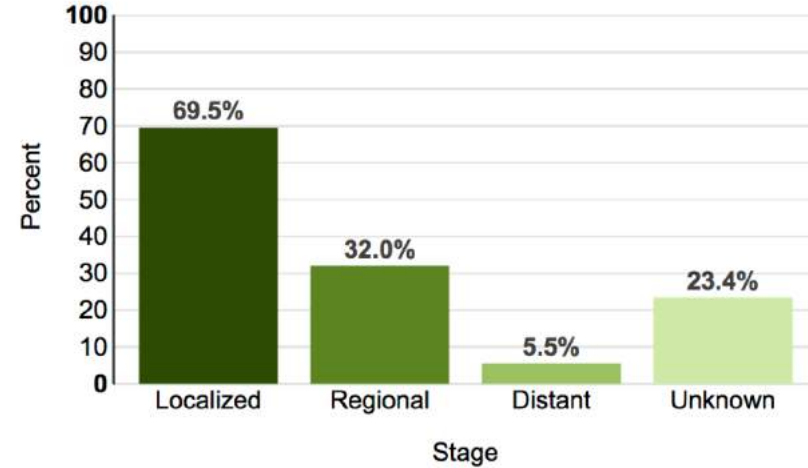


Survival

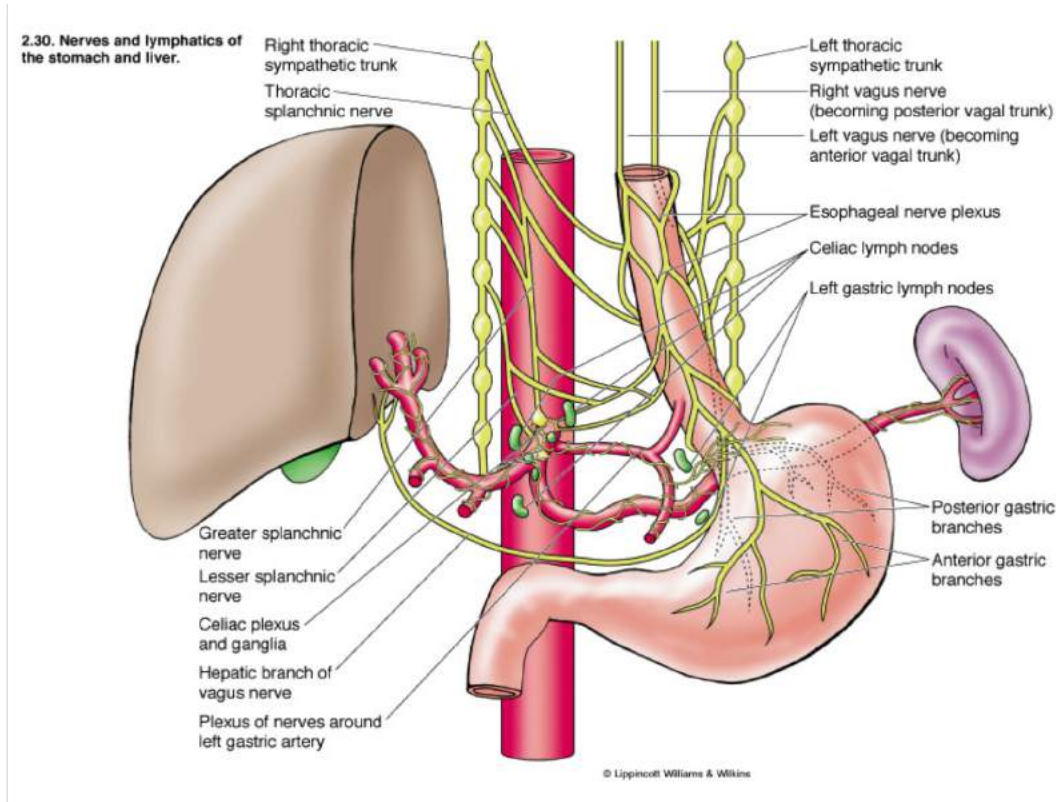
Percent of Cases by Stage



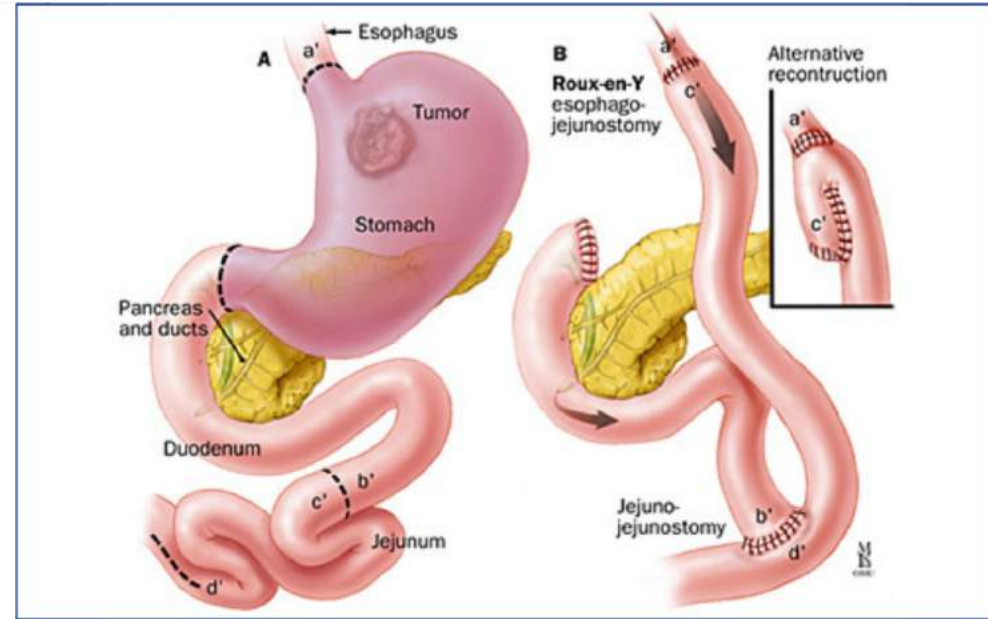
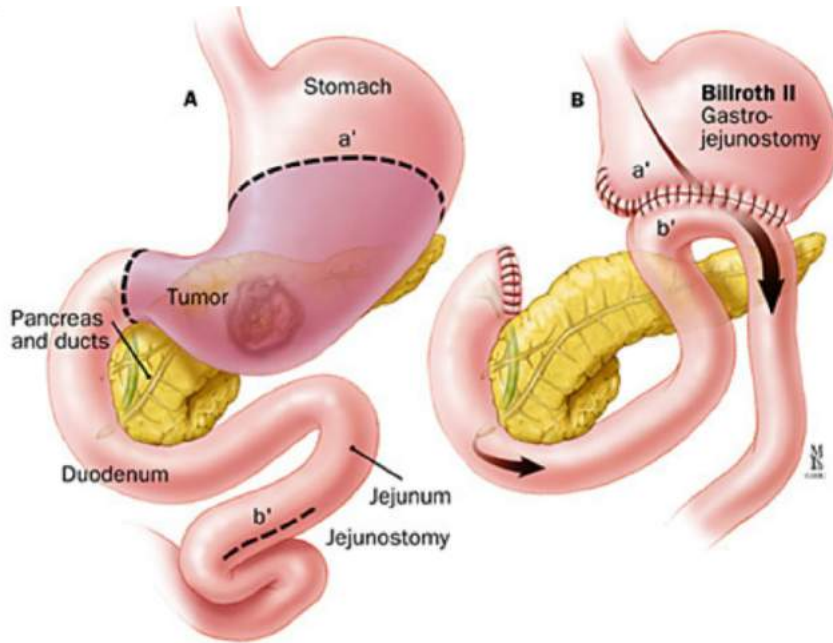
5-Year Relative Survival



Stomach Anatomy



Surgical Reconstruction Anatomy



Minimally-Invasive Surgery



Scar from open surgery



Scars from laparoscopic surgery

Minimally-Invasive Surgery

Potential Benefits

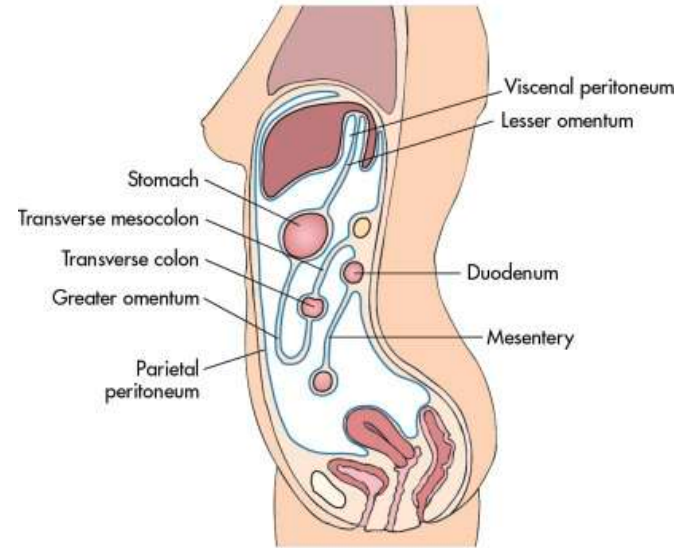
- Smaller scars
- Less blood loss during surgery
- Reduced pain after surgery
- Shorter hospital stay/faster recovery
- Decreased inflammation and improved cancer outcomes
- Decreased risk of hernia formation

Robotic Surgery



Metastatic Gastric Cancer

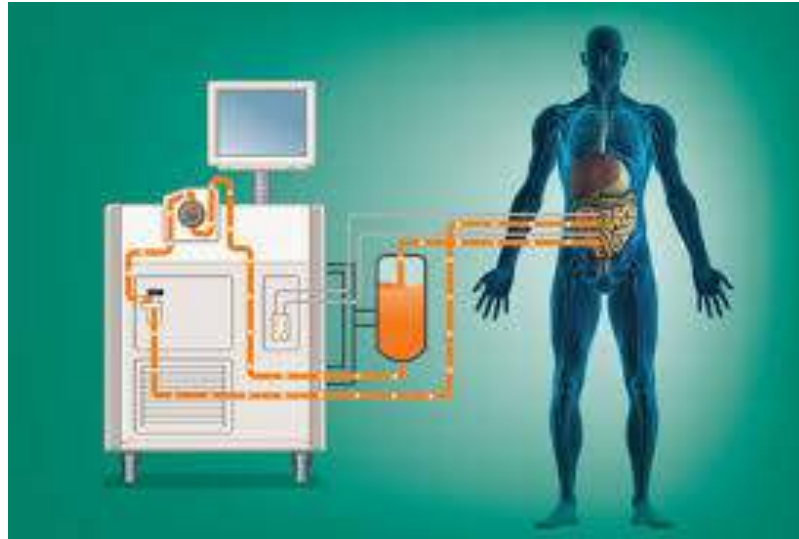
-Site of spread: Distant (lung, liver) vs. Peritoneum



HIPEC

Heated Intraperitoneal Chemotherapy

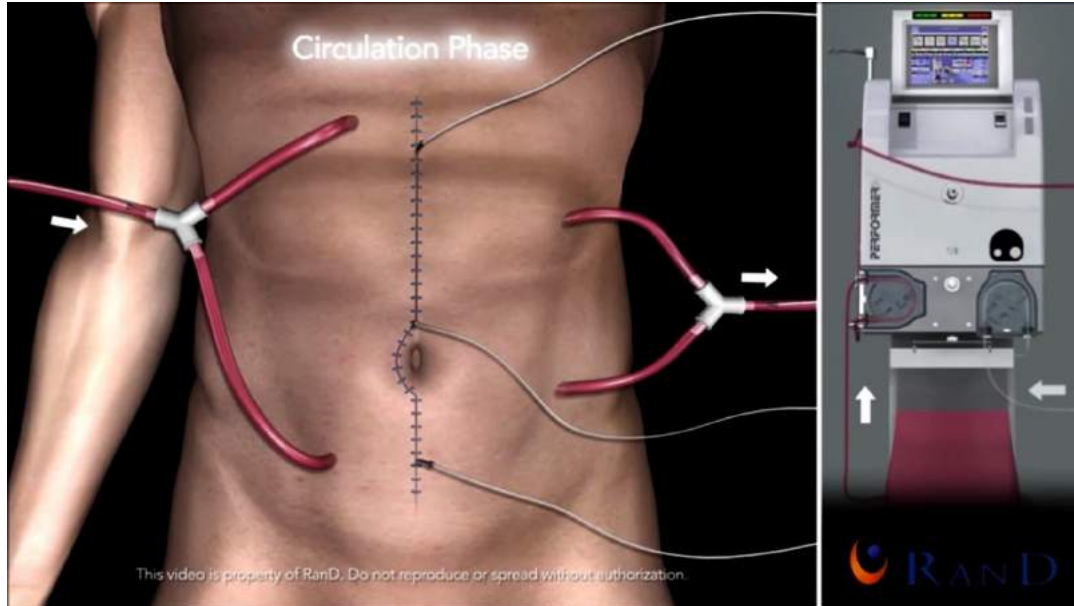
-Delivery of chemotherapy directly to the abdomen



Minimally-Invasive HIPEC

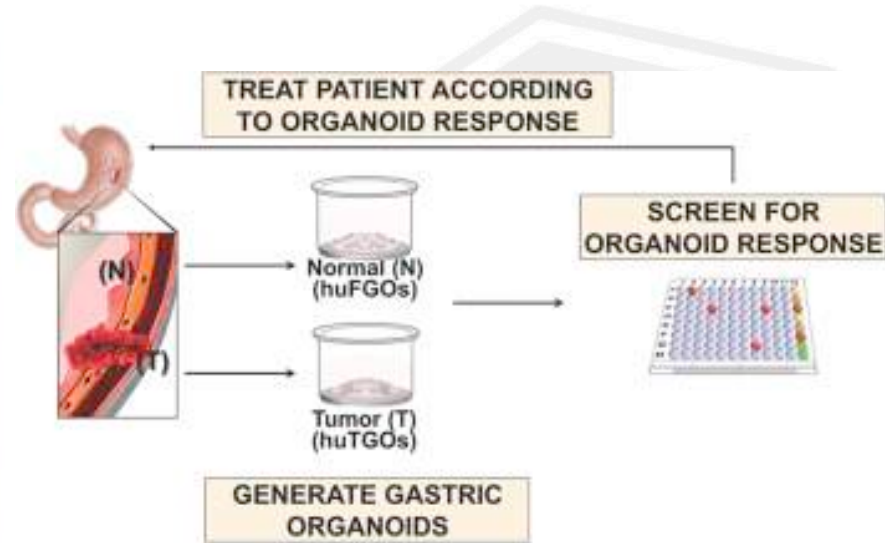
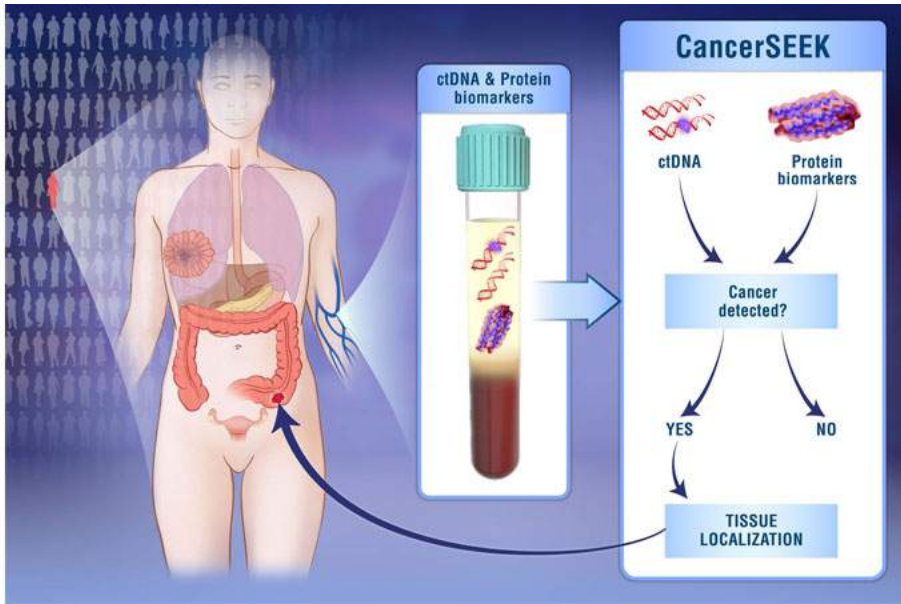
Heated Intrapertitoneal Chemotherapy

-Delivery of chemotherapy directly to the abdomen in a minimally-invasive fashion



Future of Gastric Cancer Treatment

- Earlier detection, improved screening
- Personalized, targeted, precision treatment



Thank You



[@Aejaz85](#)

Aslam.Ejaz@osumc.edu